Datacubed Health

CLINICAL TRIAL TECHNOLOGY

THE SECRET SAUCE FOR SELECTIVE SITES

MODERNIZE YOUR TRIALS WITH EASE

Leverage technology to your advantage. Through advocacy, training, and support, sites can benefit greatly from tools and technology designed to ease site and patient burden. Discover how to best partner with vendors and advocate for site-friendly technology.

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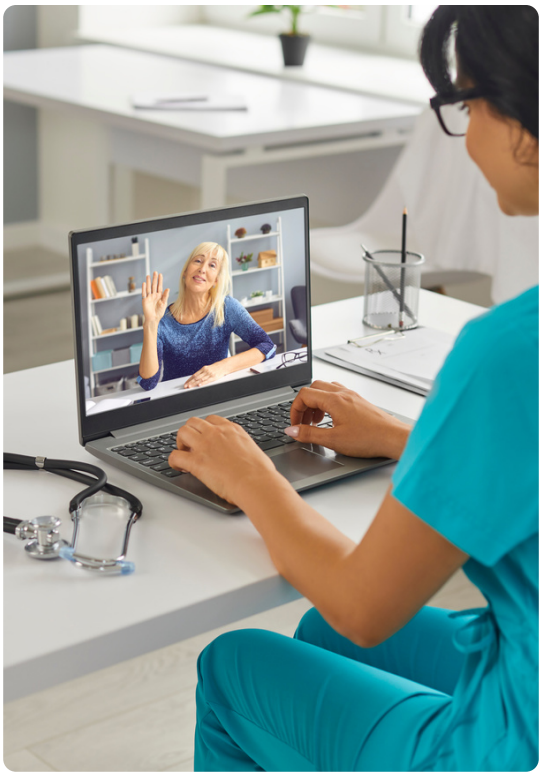
Introduction

Clinical research is constantly evolving and advancing, and eClinical technologies such as electronic informed consent (eConsent), electronic Clinical Outcome Assessments (eCOA), medication adherence, televisits, geofencing, and remote monitoring are playing an increasingly important role in the field. These technologies offer a range of benefits for both research sites and patients. Still, it can be difficult for sites to navigate the many options available and advocate for "site-friendly" providers. This ebook will explore the benefits of these technologies and provide guidance on how sites can successfully leverage them while also being adaptable to the changing landscape of clinical research.

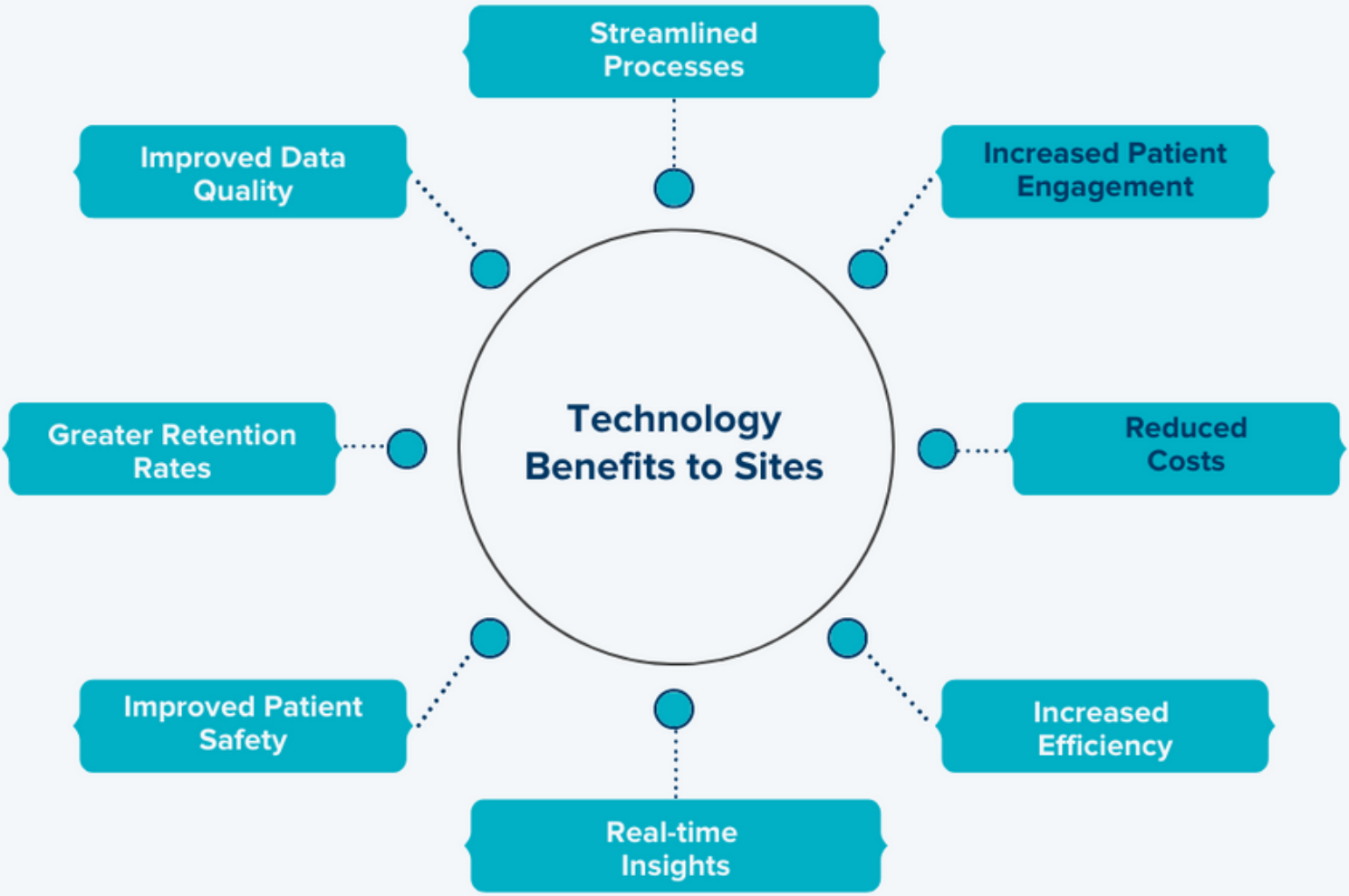
In this ebook we will explore:

- The benefits of eClinical technologies
- Advocating for "site-friendly" providers
- The impact of Decentralized Trials on sites
- Leveraging eClinical technology for success



The Benefits of eClinical Technology

As eClinical technologies continue to adapt and evolve, Sites are expected to do so as well, adopting different technologies from trial to trial. It's important to realize that not all technologies are built the same and offer varying degrees of flexibility. Be that as it may, eClinical technologies can still offer a wealth of benefits to clinical research sites.



Advocating for "Site-friendly" Providers

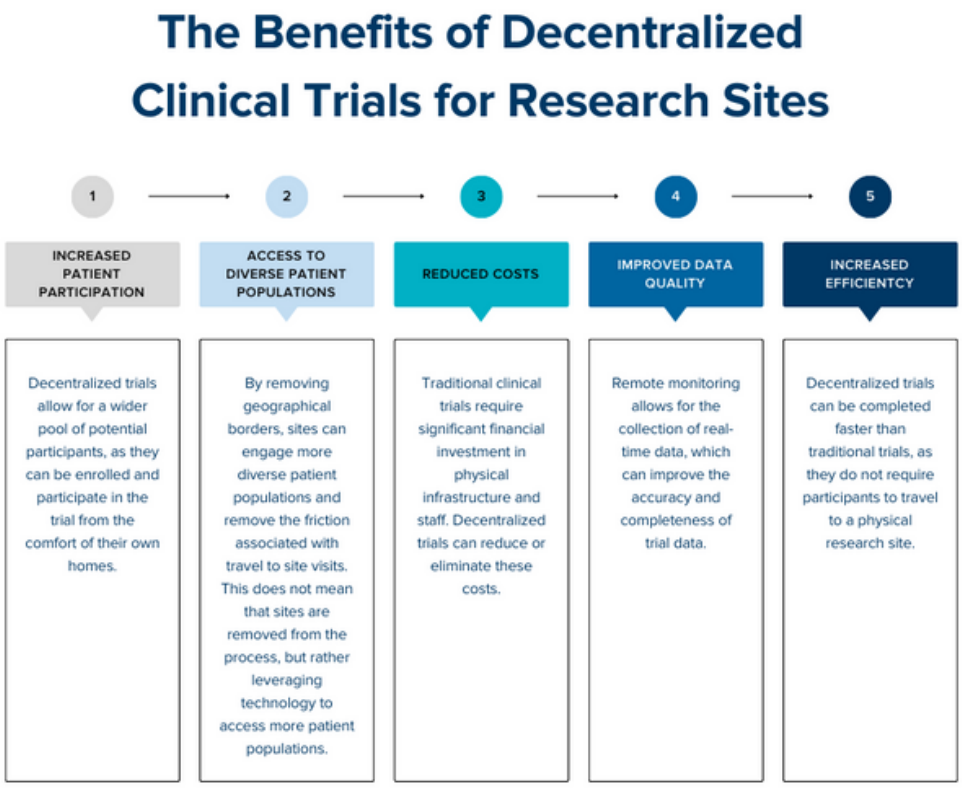
Research sites should advocate for providers that are "site-friendly" - those that offer technology that is easy to use and that is tailored to the specific needs of the site. This can be achieved by evaluating vendors independently of sponsors and Contract Research Organizations (CROs) and by looking for providers that offer support, training, and ongoing maintenance. Additionally, sites should look for providers that are willing to work collaboratively and that are open to feedback and suggestions. Working closely with eClinical vendors is crucial for research sites to be successful in leveraging eClinical technologies.

Effective Vendor Strategies

Clearly define needs and goals	Before engaging with vendors, research sites should have a clear understanding of their specific needs and goals for the technology. This will help ensure that vendors are able to provide solutions that are tailored to the site's unique requirements.
Evaluate vendors independently	Research sites should evaluate vendors independently of sponsors and CROs. This will help ensure that the technology is a good fit for the site and that it meets the needs of the patients.
Communicate regularly	Regular communication is key to building a successful partnership with eClinical vendors. Sites should establish regular check-ins and touchpoints to discuss progress, share feedback and address any issues that arise.
Be open to feedback	Research sites should be open to feedback from vendors and be willing to make changes to improve the technology and the overall research process.
Collaborate on training and support	Working closely with vendors to establish training and support can help ensure that staff are well-equipped to use the technology and that any issues are quickly and effectively resolved.

Decentralized Trials and Their Impact on Sites

Decentralized trials, also known as virtual or remote trials, are becoming increasingly popular and are having a significant impact on research sites. These trials allow patients to participate in research from the comfort of their own homes, reducing the need for in-person visits and making it easier for patients to take part in the research. However, decentralized trials also come with their own set of challenges, such as the need for new technologies and the need to adapt to new ways of working.



It is important to note that decentralized clinical trials do not eliminate the need for clinical research sites. In fact, many decentralized trials still require some level of involvement from traditional research sites, such as for initial screening and enrolment of participants, or for certain procedures that cannot be performed remotely.

Decentralized trials should be seen as a complement to traditional trials, not a replacement for them. They offer new opportunities for the conduct of clinical research and can benefit both patients and research sites.

Leveraging eClinical Technology for Success

Research sites can be successful in leveraging eClinical technologies by being adaptable and open to change. This means being willing to try new technologies and approaches and being open to feedback and suggestions from patients and providers. Additionally, sites should have a clear understanding of the needs and preferences of their patients and should work closely with providers to ensure that the technology is tailored to those needs.

Clinical research sites can best leverage eClinical technologies by implementing them in a way that streamlines the research process, improves data collection, and enhances patient engagement.

Digital Health Technologies

Mobile Applications

Collect patient-reported outcomes and other clinical outcome assessments, deliver study information, track patient progress, and communicate with patients.

Wearables & Sensors

Used to collect continuous, real-time physiological data on an array of health metrics. To expand patient health monitoring and feedback, which can improve engagement.

Telemedicine

Enabling virtual visits between clinical trial sites and participants. These technologies can improve patient convenience and alleviate the potential burdens of in-person visits, which can improve patient retention and compliance.

Social Media

Being used to engage patients in clinical trials. These platforms can be used to share study information, recruit patients, and communicate with patients.

Emerging Technologies

Virtual, Augmented, Mixed Reality

Being used to immersive environments that simulate real-world experiences which can be particularly useful for collection of performance-based outcomes.

AI & Machine Learning

Are increasingly being used to analyze patient data and predict potential outcomes allowing for more targeted recruitment and personalized interventions, which can improve diversity and retention in clinical trials.

Blockchain

Being explored as a way to improve the transparency and security of clinical trial data. Clinical trial data can be securely stored and shared. This can help to increase trust around data privacy and ownership.

Voice & Chat

Using voice and chat technology in patient engagement during trials has the potential to improve patient experience and reduce clinical trial dropouts.

Conclusion

It can be challenging for sites to navigate the many different options available and advocate for "site-friendly" providers. At Datacubed Health we believe sites should have just as much optionality as participants and sponsors. Contact us today to learn more about our solutions and services and how to implement these technologies seamlessly into your day-to-day operations.

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